

Figure 1a

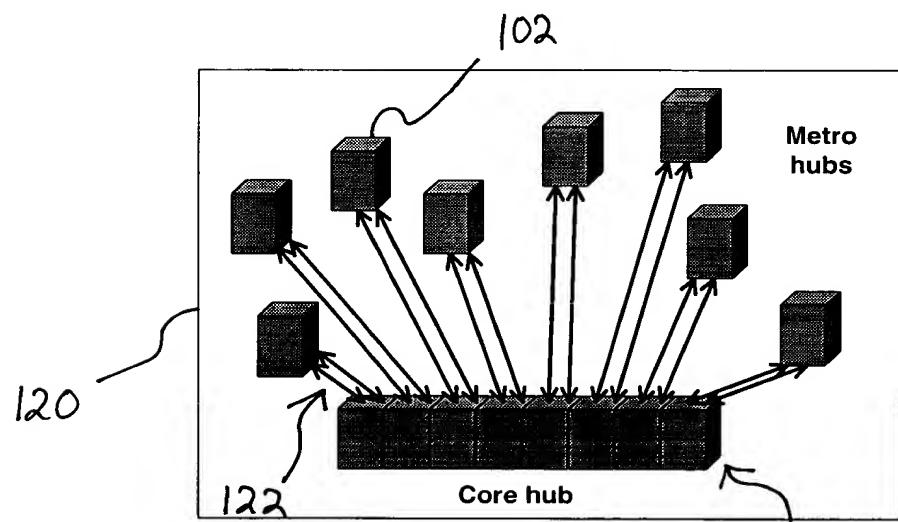
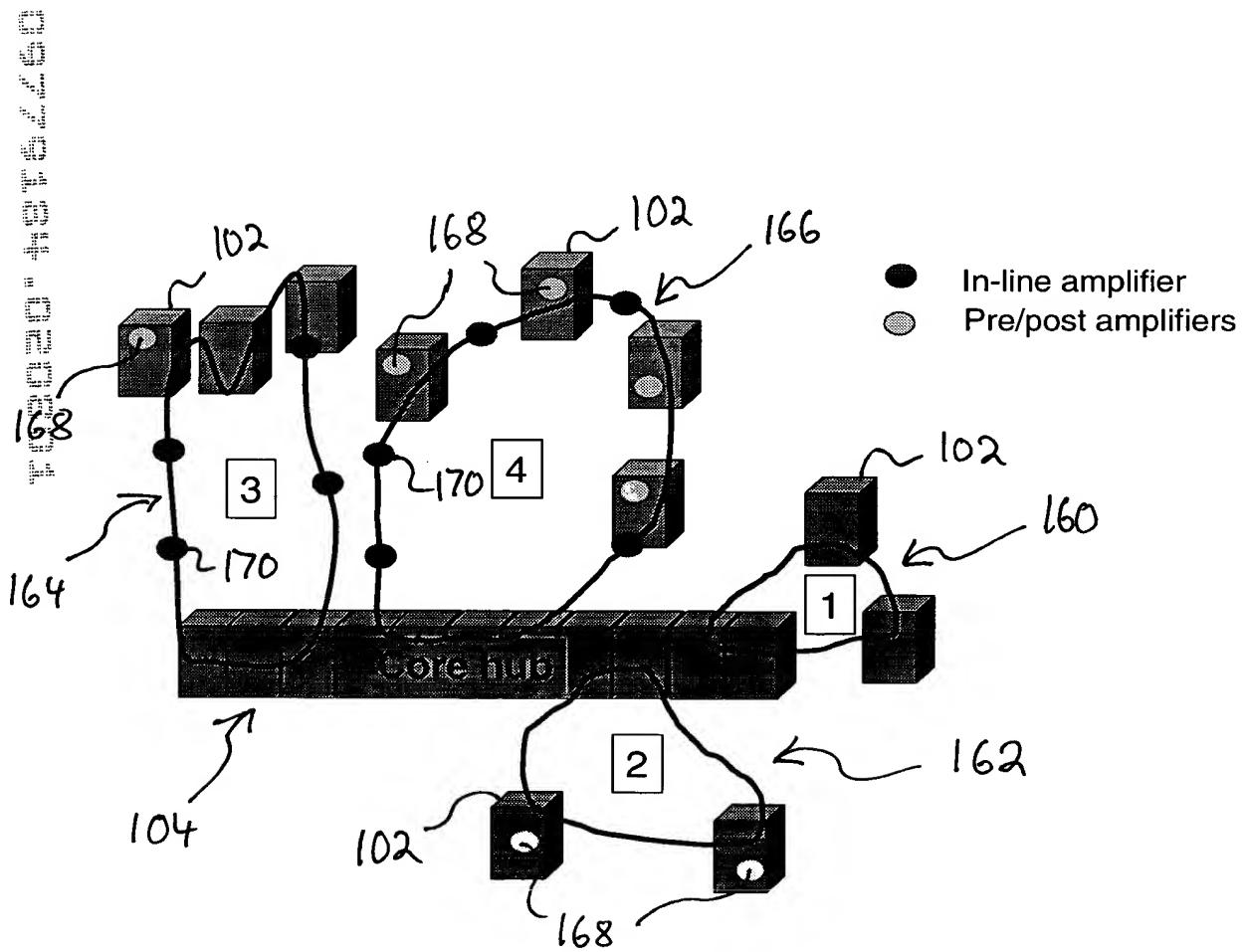
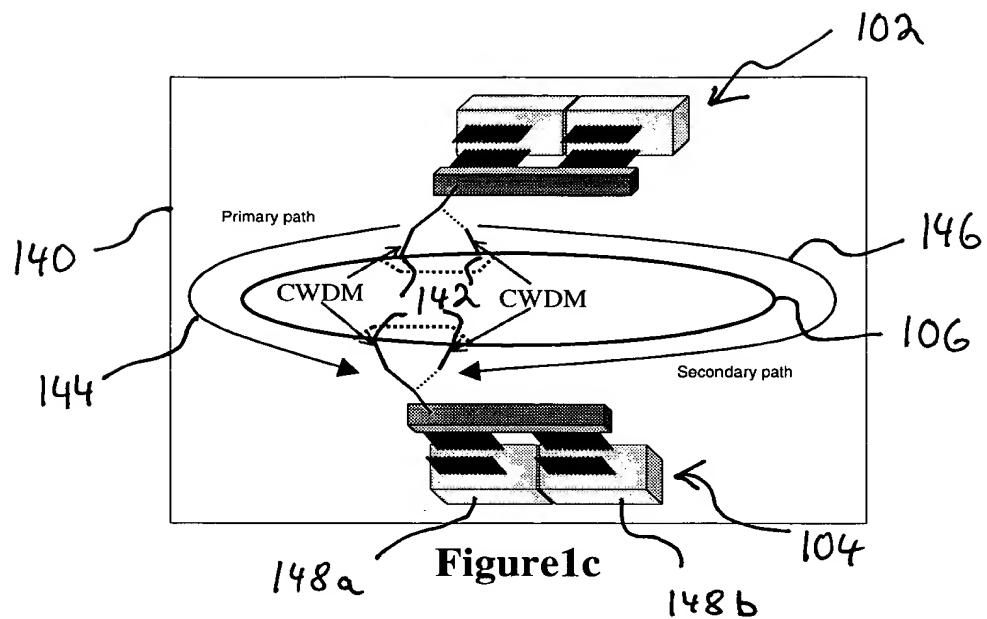
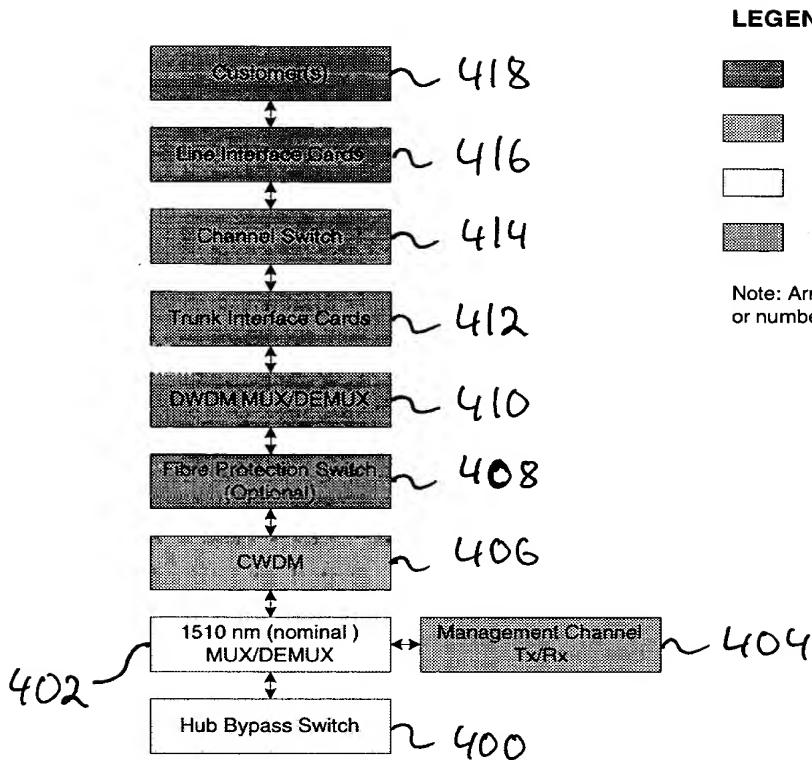


Figure 1b



Customer  
Line Interface Cards  
Channel Switch  
Trunk Interface Cards  
DWDM MUX/DEMUX  
Fibre Protection Switch  
(Optional)  
CWDM  
1510 nm (nominal)  
MUX/DEMUX  
Management Channel  
Tx/Rx  
Hub Bypass Switch

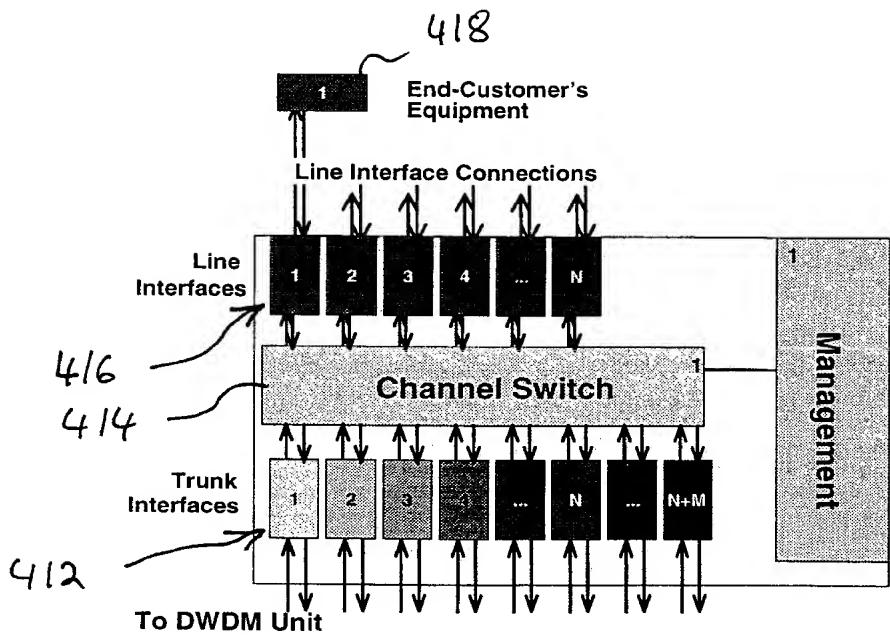


#### LEGEND

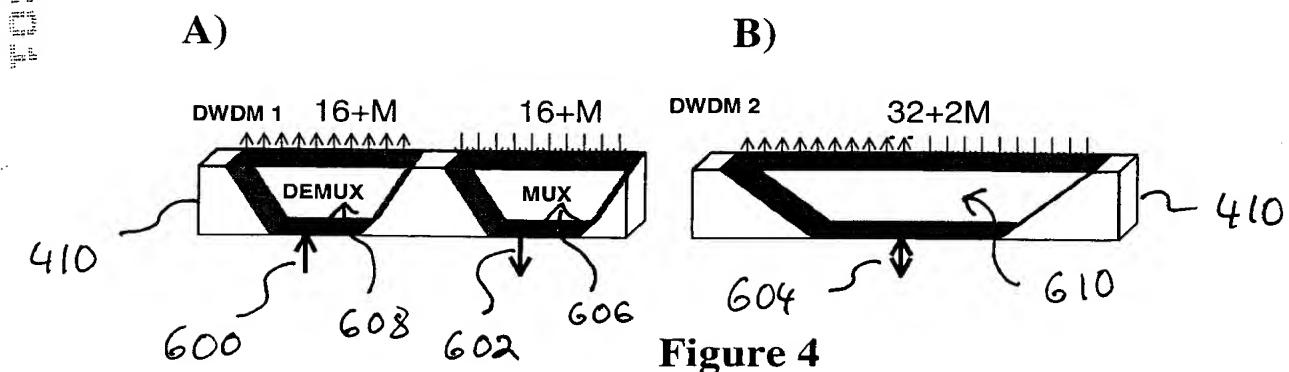
- Hub Traffic Only
- Express and Hub Traffic
- Express, Hub and Management
- Management Traffic Only

Note: Arrows do not indicate type or number of connections

**Figure 2**



**Figure 3**



**Figure 4**

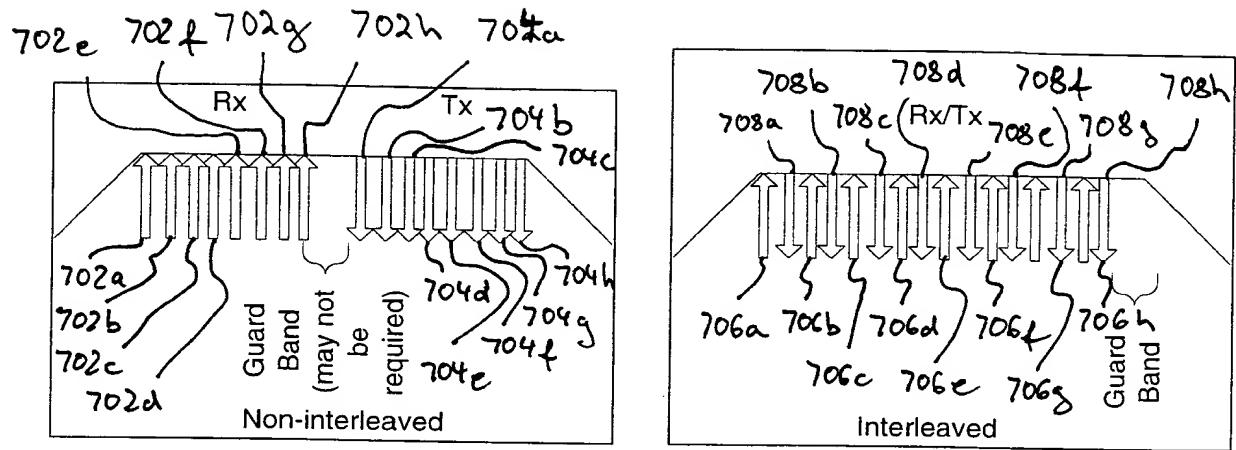


Figure 5

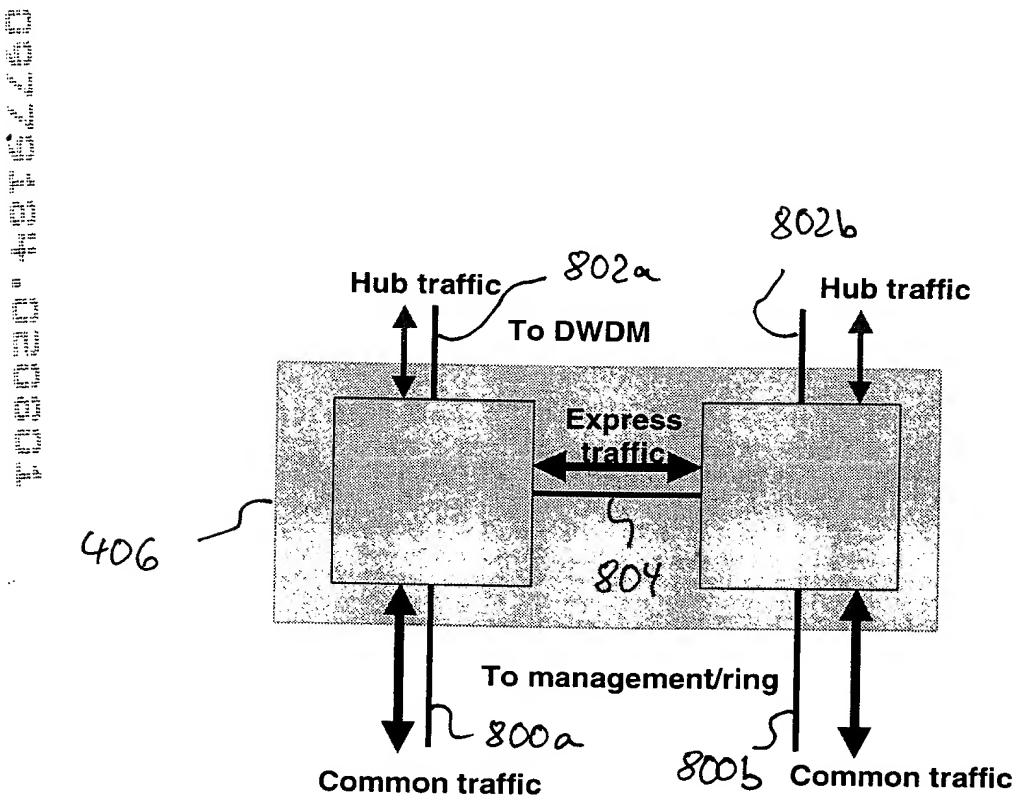


Figure 6

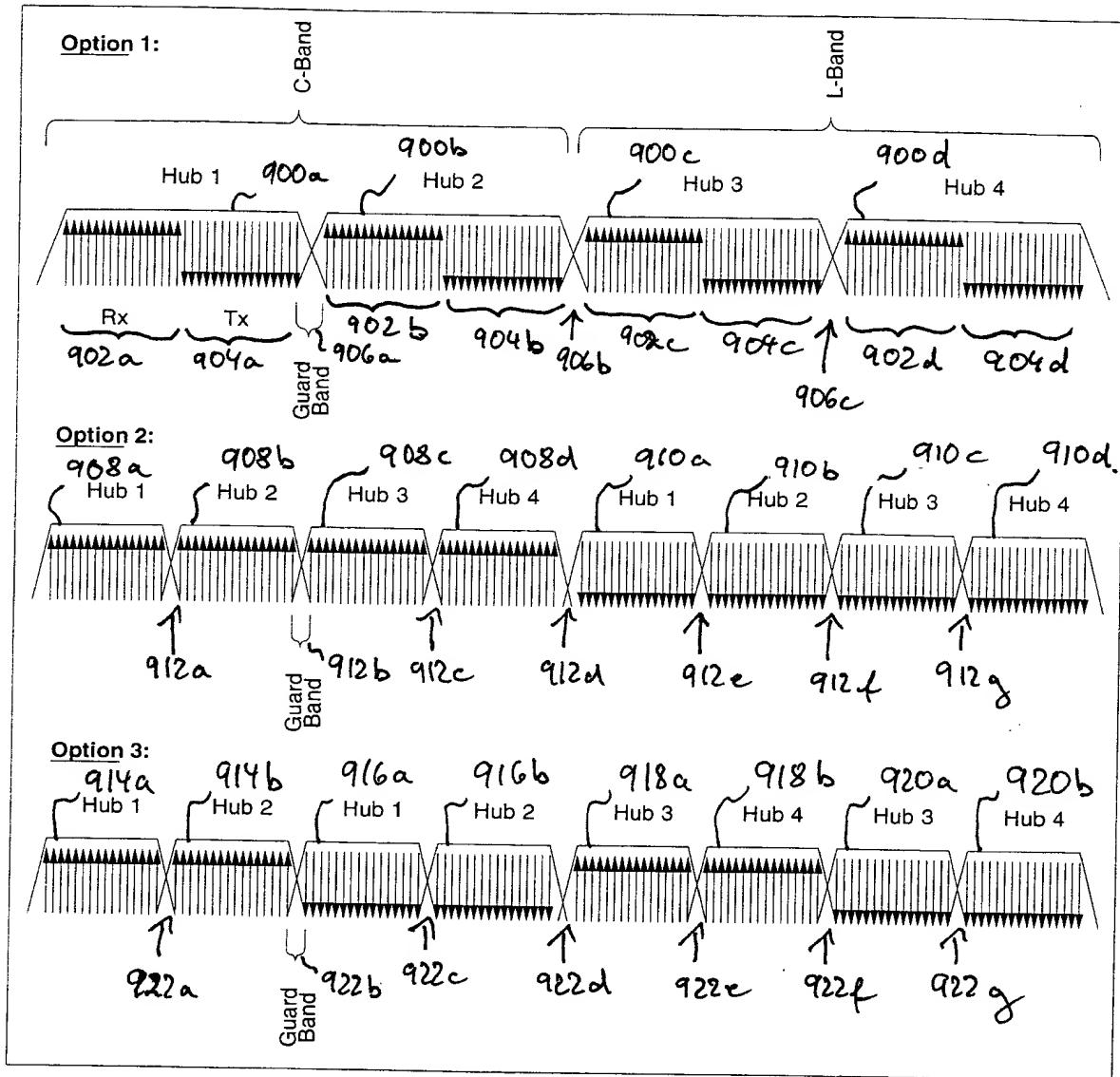
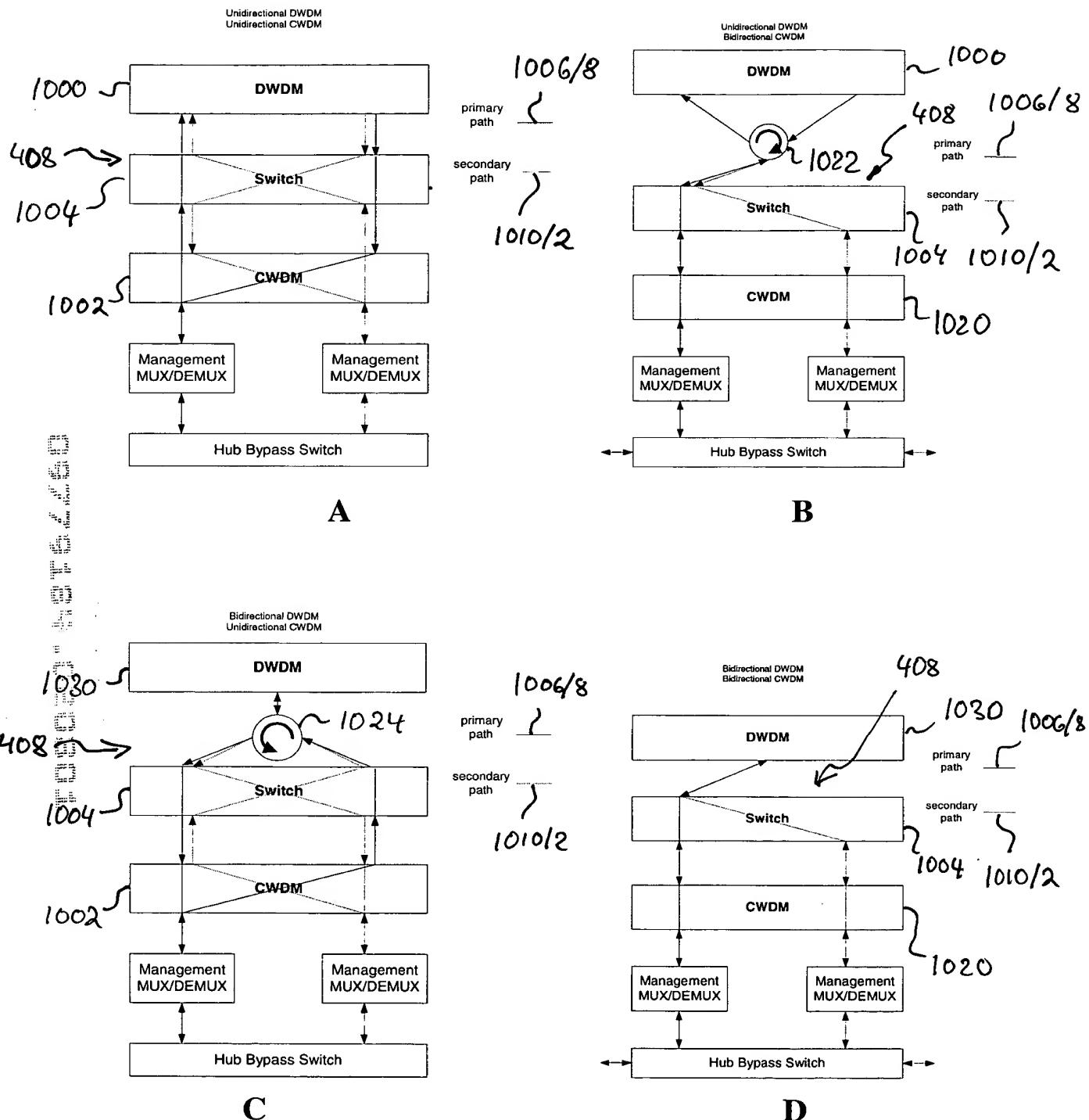
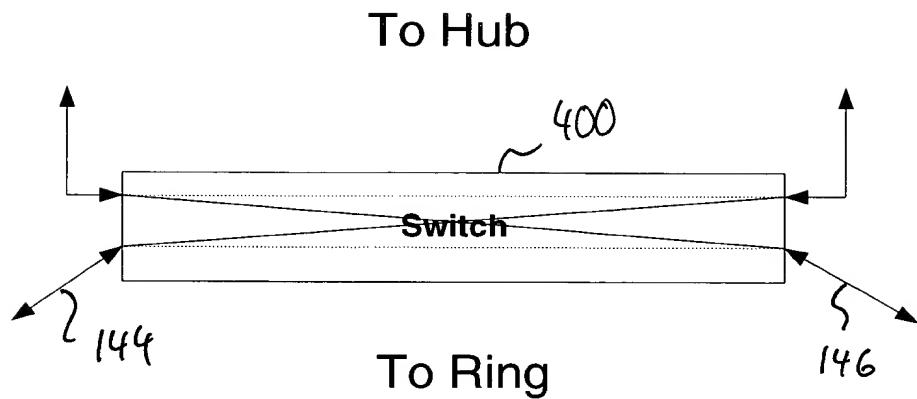


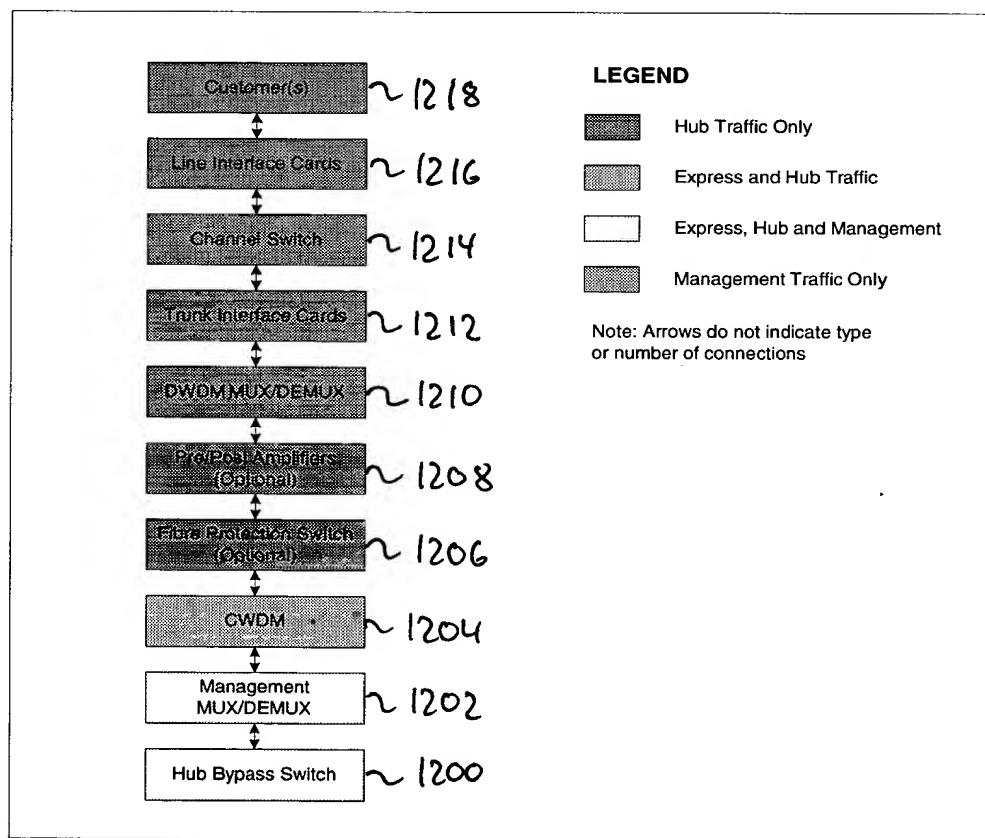
Figure 7



**Figure 8**



**Figure 9**



**Figure 10**

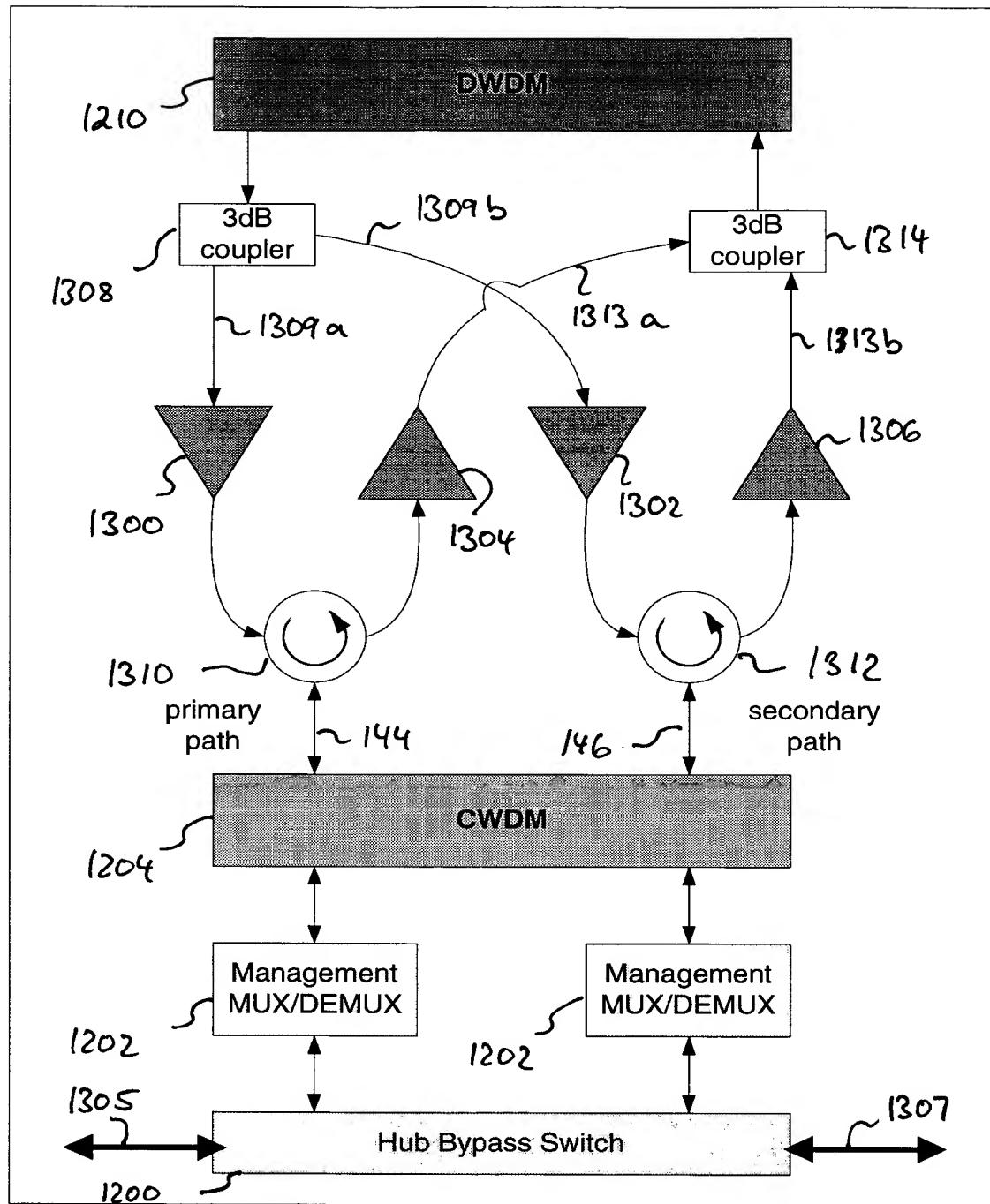
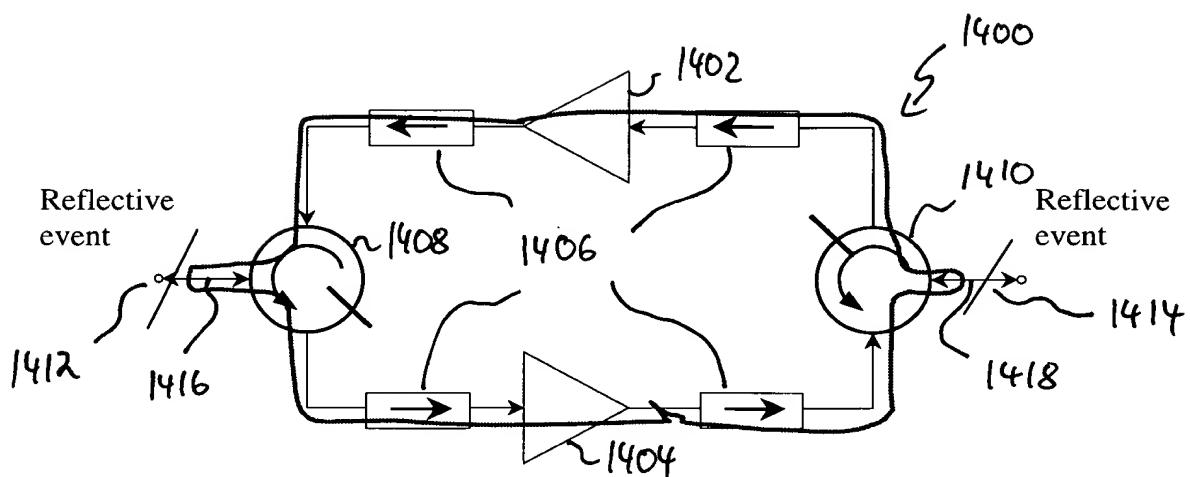
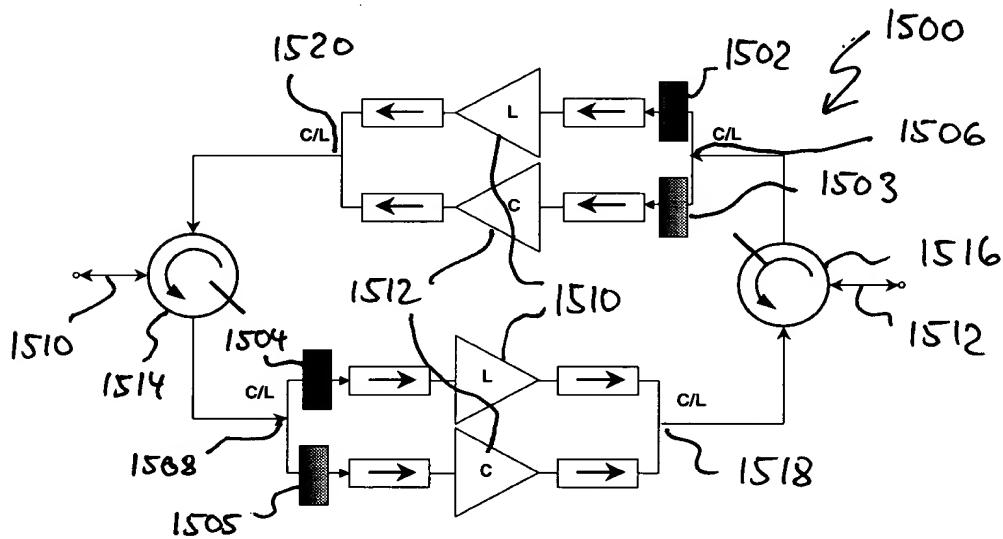


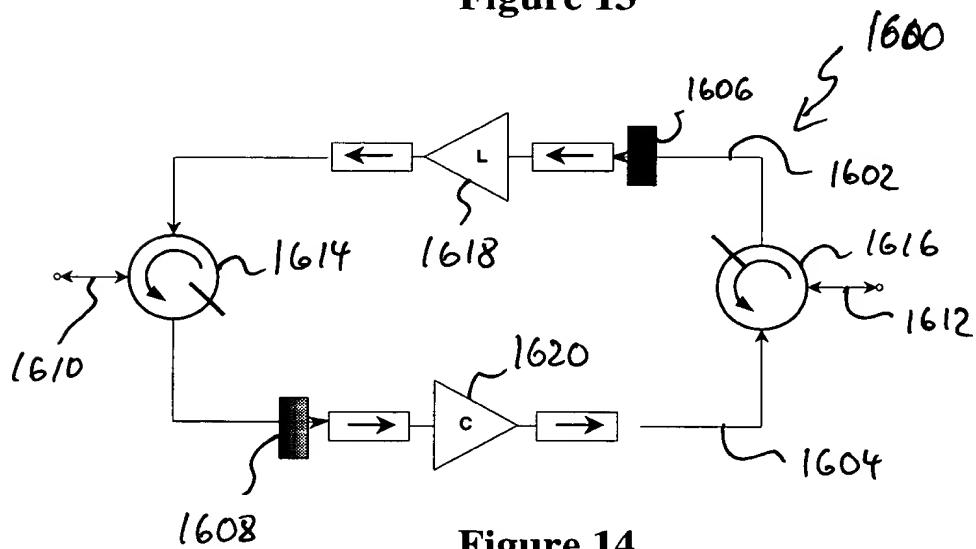
Figure 11



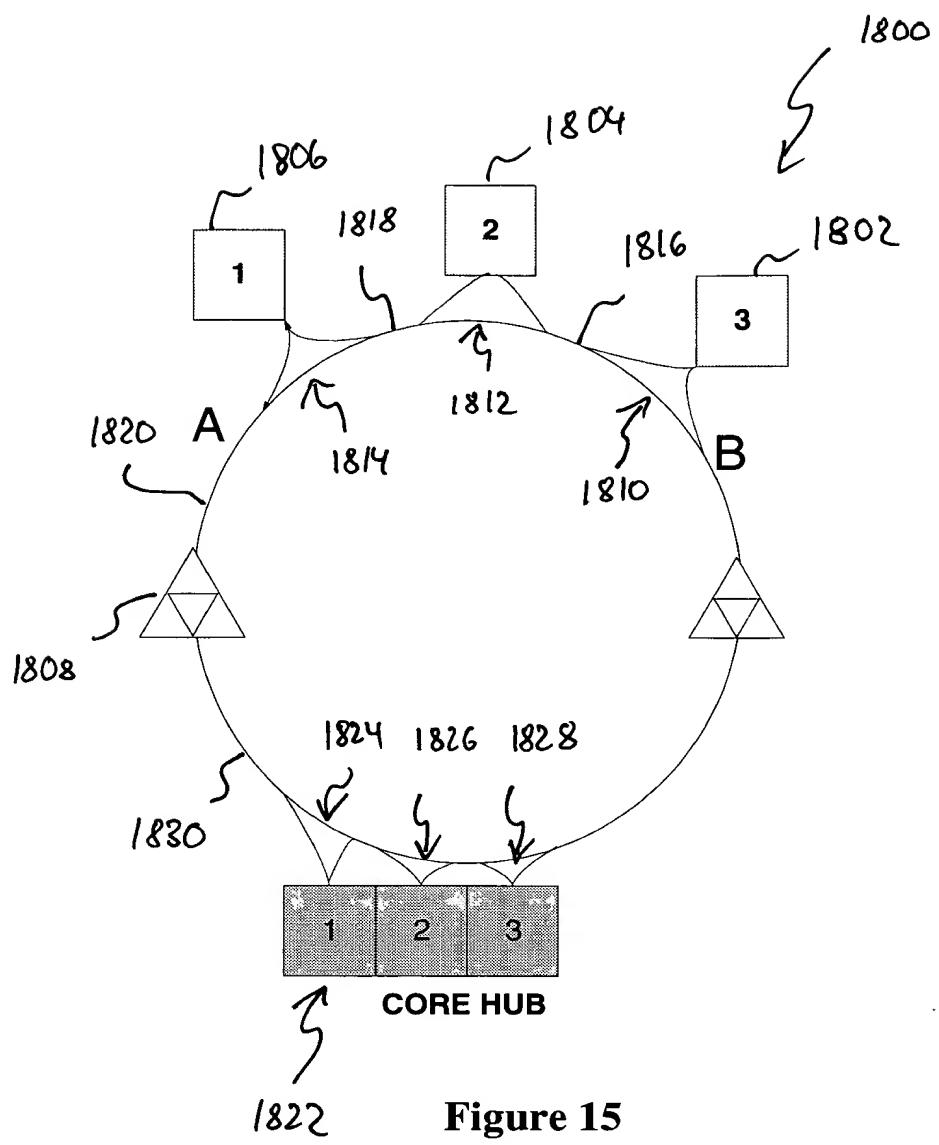
**Figure 12**



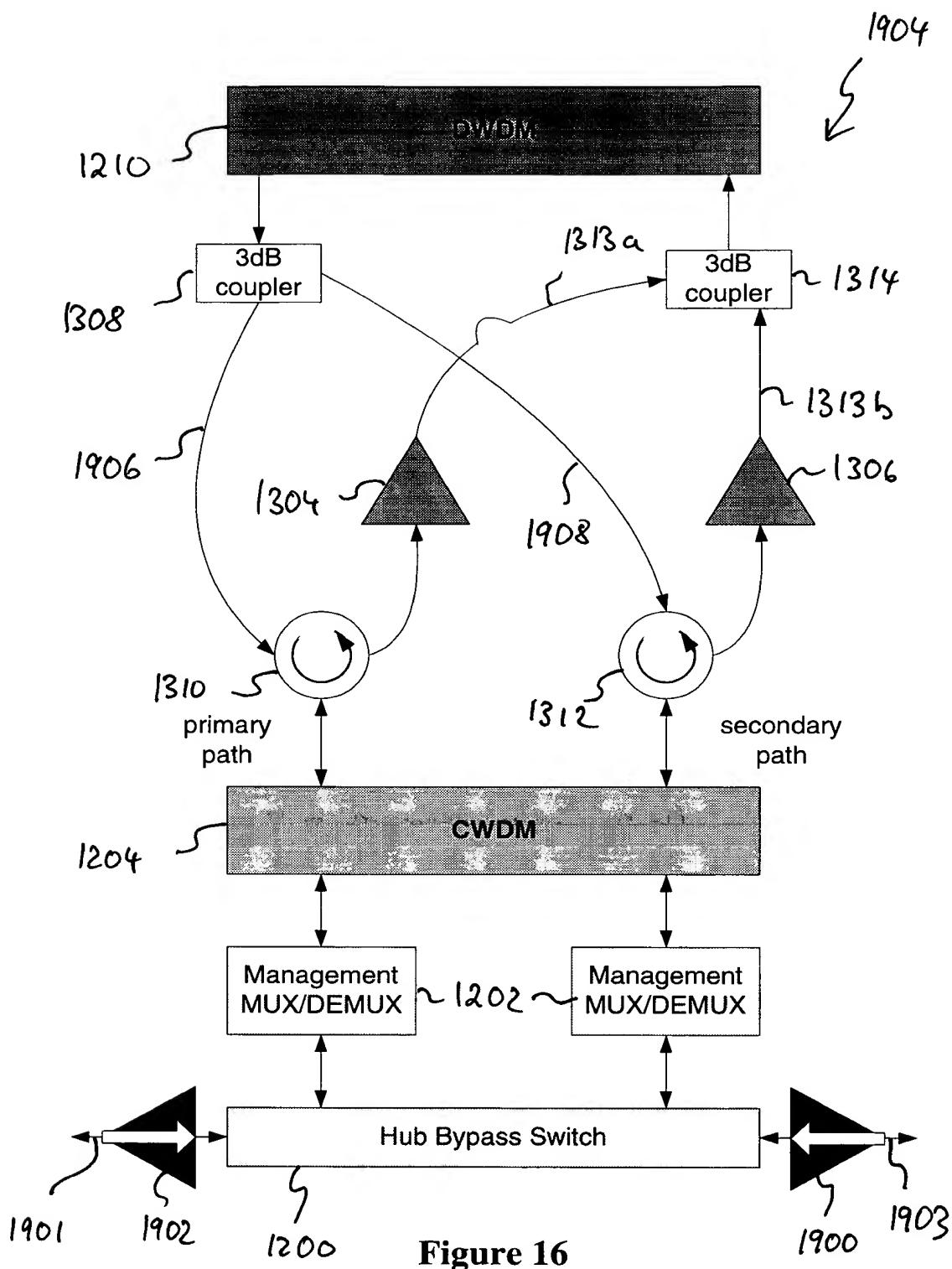
**Figure 13**



**Figure 14**



**Figure 15**



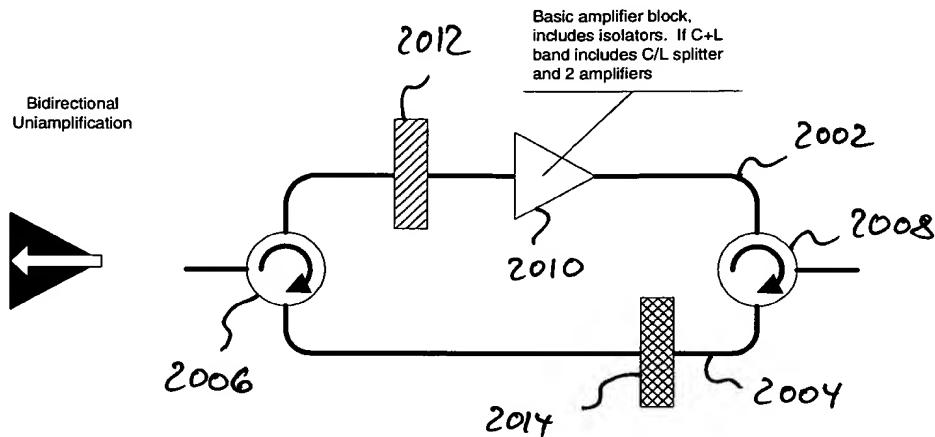


Figure 17

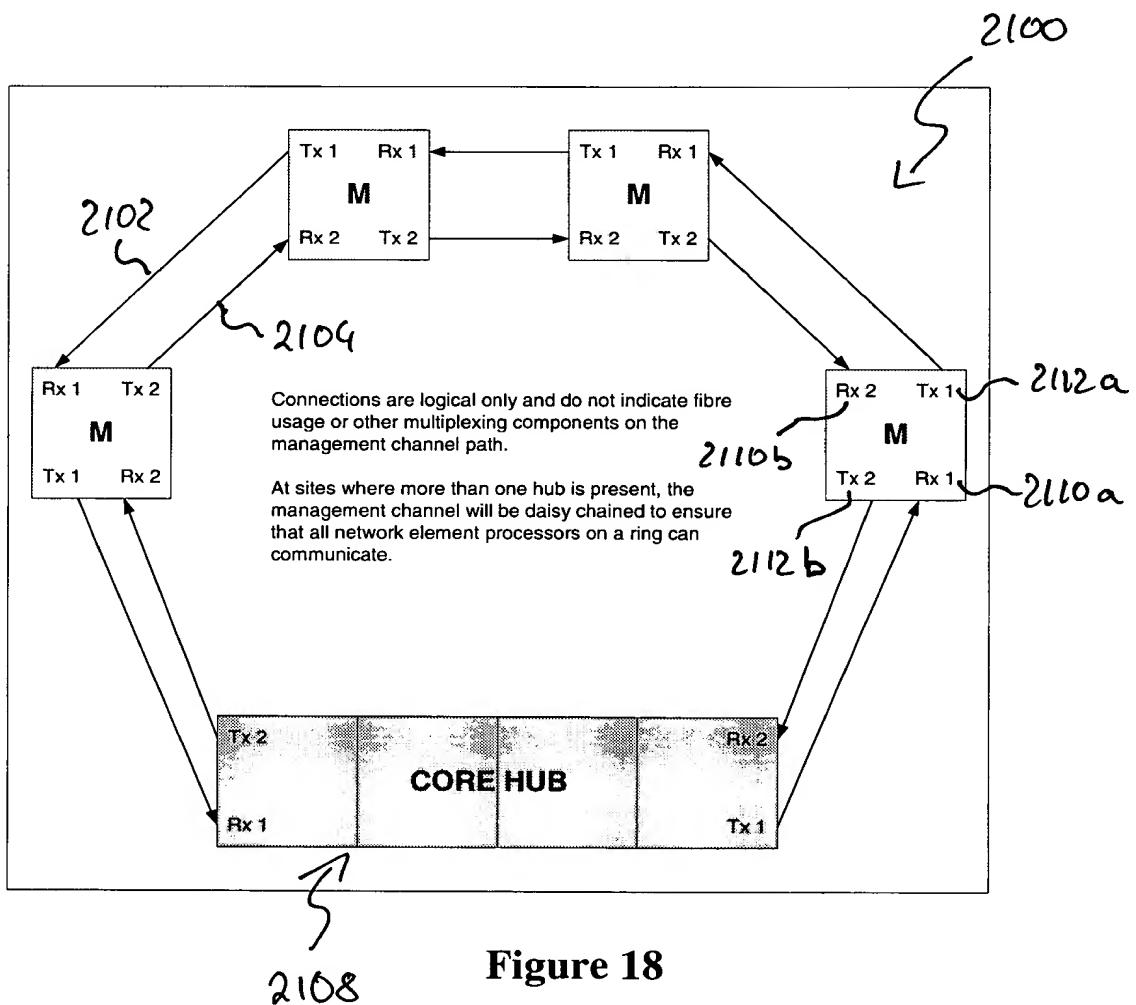


Figure 18

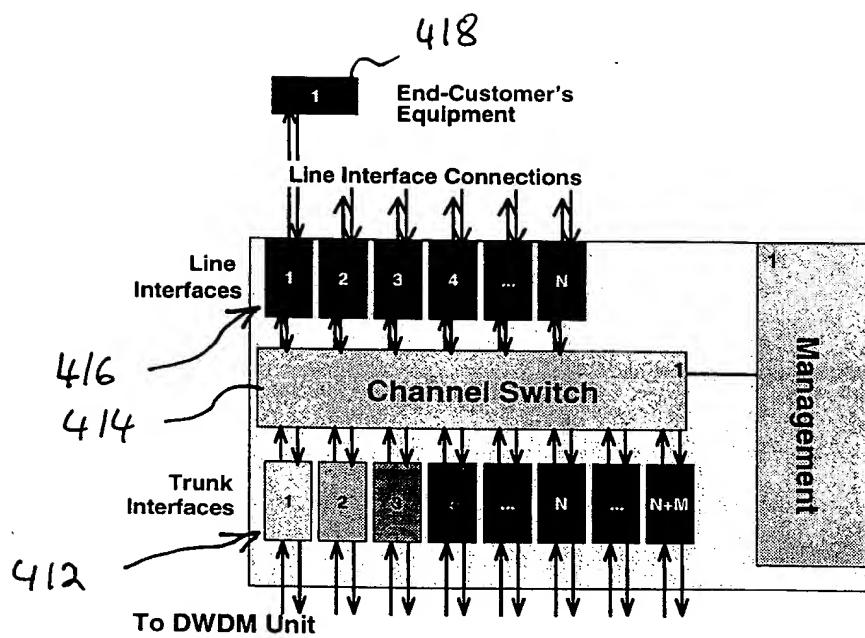
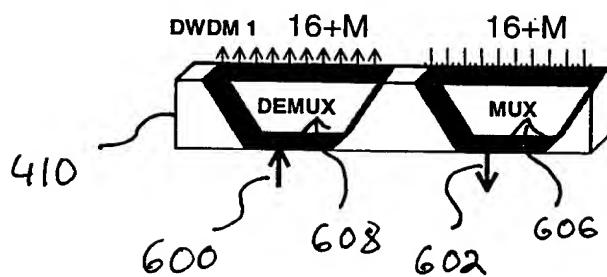


Figure 3

A) Figure 4A



B) Figure 4B

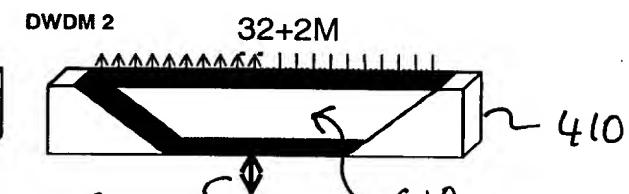


Figure 4

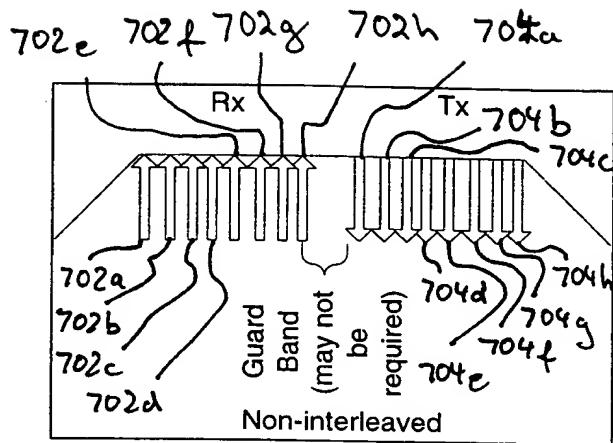


Figure 5A

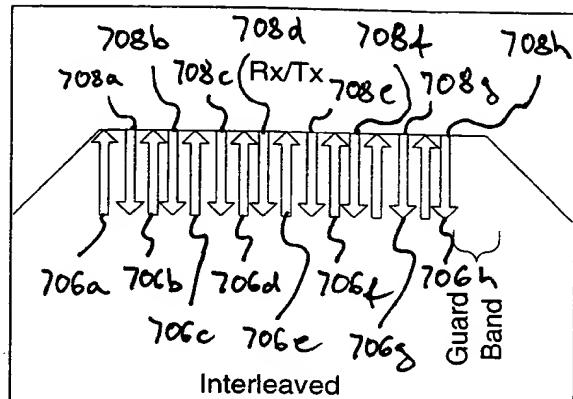


Figure 5B

~~Figure 5~~

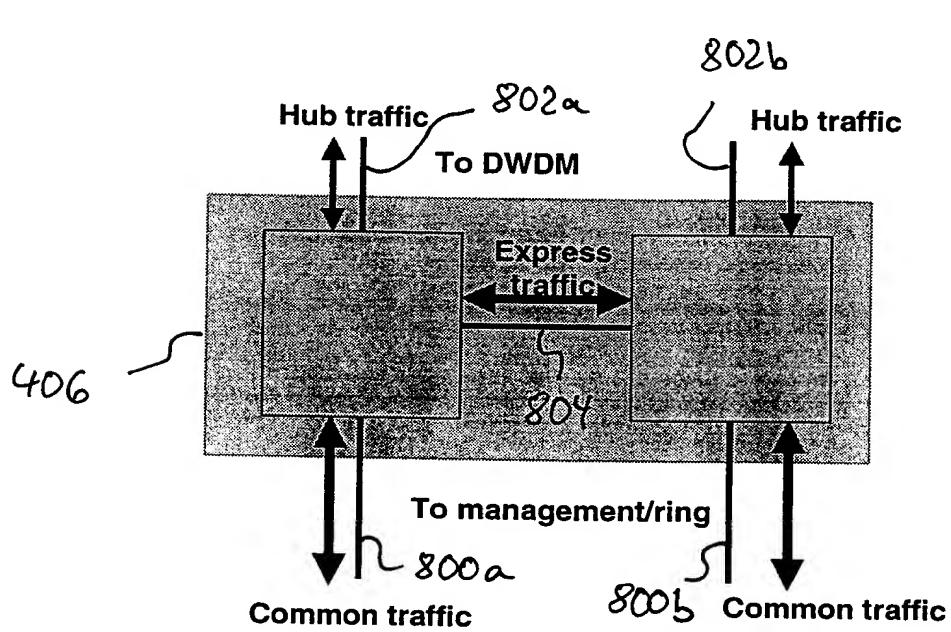


Figure 6

Figure 7A  
Option 1:

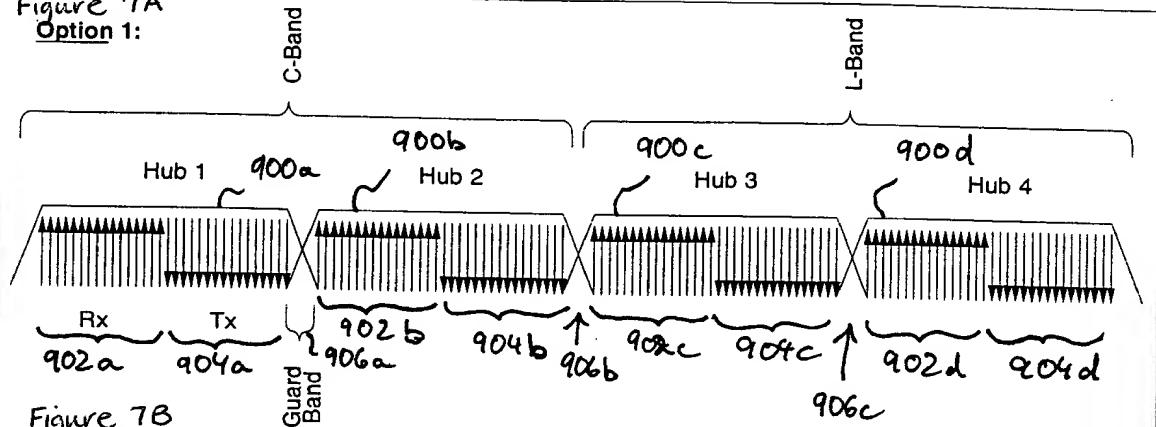


Figure 7B  
Option 2:

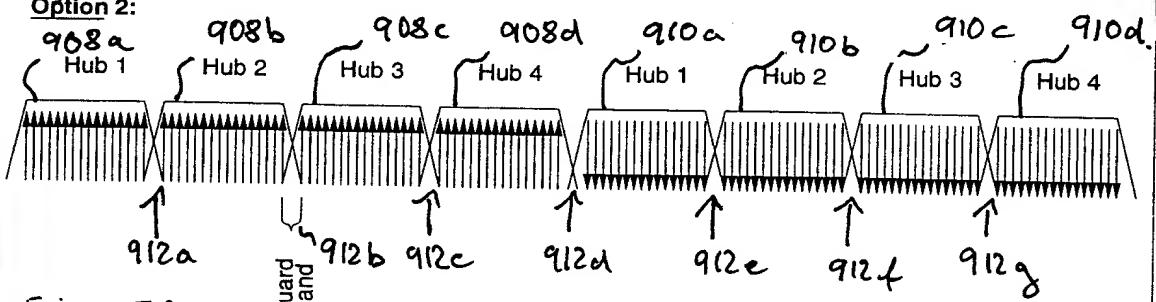
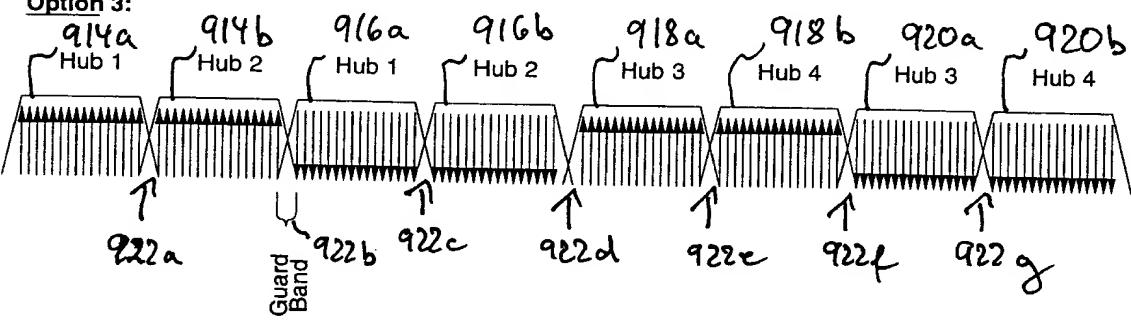


Figure 7C  
Option 3:



~~Figure 7~~

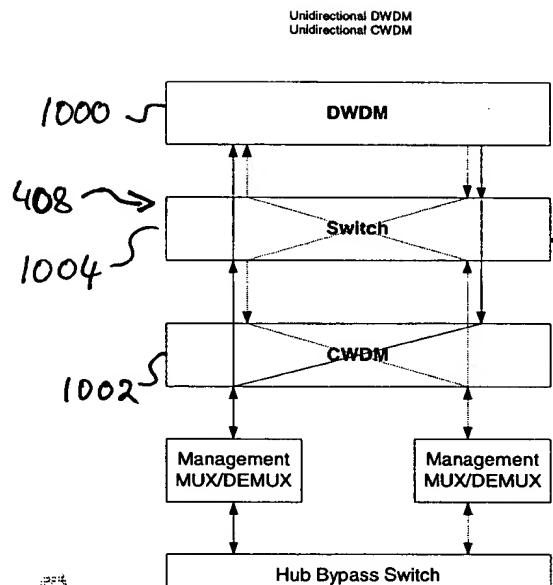


Figure 8A ~~8~~

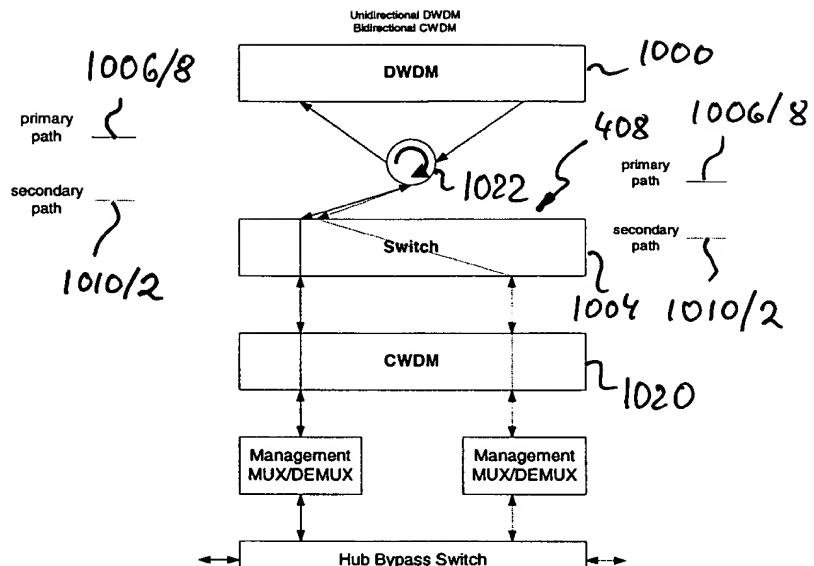


Figure 8B ~~8~~

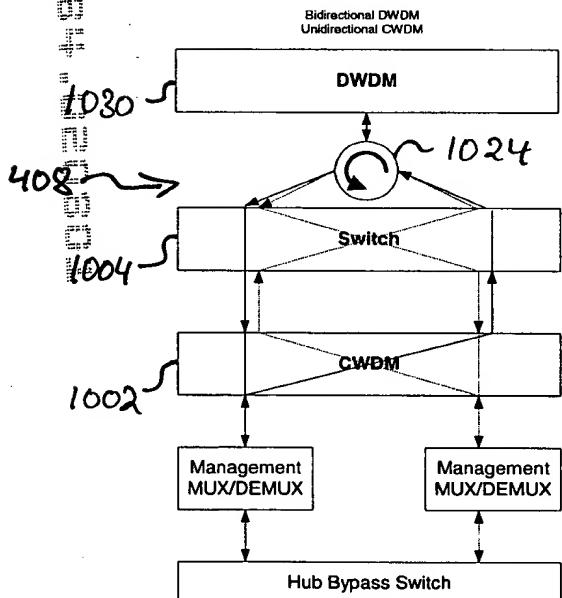


Figure 8C ~~8~~

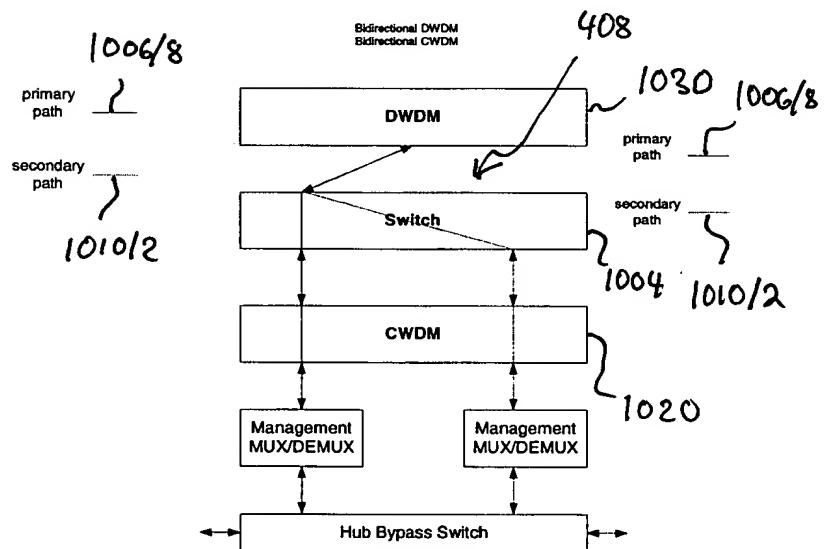


Figure 8D ~~8~~

~~Figure 8~~

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